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L	15)	5	1	9	3	1	8	9	03/09/93	Flood et al.	395	650	12/09/91		
)	5	4	0	4	3	0	4	04/04/95	Wise et al.	364	426.04	11/19/93		
		5	4	5	9	7	3	2	10/17/95	Wise et al.	364	426.02	11/19/93		
		5	8	2	5	7	8	5	10/20/98	Barry et al.	371	22.4	5/24/96		
		5	8	4	1	8	6	7	11/24/98	Jacobson et al.	380	25	11/01/96		
		6	0	0	6	3	4	5	12/11/99	Berry Jr.	714	718	05/09/97		
		6	0	6	5	1	3	5	05/16/00	Marshall et al.	714	11	06/04/99		
,		6	1	7	0	0	2	5	01/02/01	Drottar et al.	710	48	08/11/98		
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OTI	HER D	oc	UM	EN	ITS	(Ir	ıcl.	Aut	hor, Title, I	Date, Pertinent Pages, et	c.)				
ĄA		J. S	Sosr	iow	ski,	, Co	ncı	ırren	t Error Det	ection Using Signature Mo	onitors. Proc	of Fault To	lerant		
M	D	Computing Systems, Methods, Applications. 4th International GI/ITG/GMA Conference,													
		Sep	ot. l	989	9, p	p 3	43-:	355	4						
AB		K.	Wil	ken	, J.	P. S	She	n, "C	Continuous S	Signature Monitoring: Lov	v-Cost Conc	urrent Detec	tion		
W	7	of I	Proc	cess	or	Cor	itro	l Err	ors, "IEEE	Transactions on Computer	r-Aided Des	ign, Vol. 9,	рр. 629-641		
		Jun	e 19	990).										
AC		Inte	el C	orp	ога	tior	ı, E	mbe	dded Pentiu	unR Processor Family Dev	veloper's Ma	nual, "Error	,		
N	<u>5</u>	Detection," Chapter 22, pp. 393-399													
Examiner Date										Date Considered	ate Considered 10/6/05				
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U.S. PATENT DOCUMENTS															
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	FOREIGN PATENT DOCUMENTS														
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OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)											·				
AD	E. Bohl, T. Lindenkreuz, and R. Stephan, "The Fail-Stop Controller AE11, "Proc. International														
MD	Test Conference, IEEE Computer Society Press, Los Alamitos, Calif., 1997, pp. 567-577														
AE	U.S	3. Pa	aten	it Aj	ppli	icat	ion '	"METHOD	5 A	ND CIRCUIT FOR ANA	LYSIS O	F T	HE OPE	RATION	
NY	OF	Αl	MIC	RO	CC	ראכ	ro	LLER USI	INC	S SIGNATURE ANALYS	IS OF M	EΜ	ORY".		
	Ser	ial l	No.:	: 09	/30	9,0	55 F	Filed May 1	10,	1999					
AF	U.S. Patent Application "METHOD AND CIRCUIT FOR ANALYSIS OF THE OPERATION														
MO	OF	Αì	MIC	RO	CC	TNC	ro	LLER USI	INC	S SIGNATURE ANALYS	IS OF D	ATA	AND		
	INSTRUCTIONS" Serial No.: 09/309,135 Filed May 10, 1999														
AG	U.S. Patent Application "METHOD AND CIRCUIT FOR ANALYSIS OF THE OPEATION														
20	OF A MICROCONTROLLER USING SIGNATURE ANALYSIS DURING OPERATION														
	Serial No.: 09/309,054 Filed May 10, 1999														
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nos	SA	E 20	000	Wo	orld	Co	ngre	ess, March	6-9	9 2000, pp.1-12					
Examiner		/	7			_	$\overline{}$		Da	ate Considered	DOT 1	0/6	65	·	

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